

Remarks

Consideration and entry of the foregoing amendments are requested.

Claims 24-39 and 41-44 are the subject of the Office action. Of those claims, claims 24, 27, 37, 43, and 44 are amended; claims 25-26 and 42 are canceled without prejudice; claims 28-36 and 38-41 are unchanged; and new claims 45-55 are submitted for consideration.

The amendments to the specification are to correct readily discernible grammatical errors, notably to add punctuation correcting run-on sentences and misplaced clauses, to add hyphens in compound adjectives, and to correct pronouns lacking clear antecedents. No new matter is submitted.

Claim 24 is amended to incorporate certain features previously recited in claims 25 and 26, namely a memory and a processor. Claim 24 as amended also clarifies the interconnecting structure of the receiver, memory, processor, and display. Claim 24 also is amended to state that the user of the wireless communication device provides, to the memory, the at least one message-classification rule. See paragraph on page 6, lines 2-14 of the specification. No new matter is incorporated into claim 24.

Claim 27 is amended to change its dependency in view of the cancellation of claim 25.

Claim 37 is amended for reasons similar to certain amendments made to claim 24, namely to include a memory configured to receive at least one message-classification rule set that has been predetermined by the user of the network device and that has been input into the memory by the user. Claim 37 also is amended to state the interconnecting structure of the receiver, memory, and processor. No new matter is incorporated into claim 37. Claim 42 is canceled because it has been substantially incorporated into claim 37.

Claim 44 is amended for reasons similar to certain amendments made to claim 24, namely to recite that the input receives message-classification rules from a user of the wireless network device. Also, claim 44 is amended to state that the wireless network infrastructure is in communication with the wireless network device. See FIG. 1. No new matter is incorporated into claim 44.

New claims 45-50 depend from claim 24 and are directed to certain respective features set forth in the paragraph on page 6, lines 2-14 of the specification. No new matter is added.

New claims 51-55 are directed to certain respective combinations of features, some of which are set forth in the other pending independent claims and others of which are set forth in the specification on page 5, line 15 to page 6, line 1. No new matter is added.

Claims 24-27, 29-31, 33-39, and 42-44 stand rejected for alleged anticipation (35 U.S.C. §102(e)) by Janow. This rejection is moot with respect to canceled claims 25-26 and 42, and is otherwise traversed in view of the amendments to at least the subject independent claims and in view of the following remarks.

Claim 24 as amended is directed to a wireless communication device that comprises a receiver, a memory, a processor, and a display. The receiver is configured to receive a plurality of messages of a first format and a plurality of messages of a second format. The memory is configured to receive at least one message-classification rule that is input into the memory by the user of the wireless communication device. The processor, which is connected to the receiver and to the memory, is configured to determine, based on the at least one input message-classification rule, classification information for the plurality of messages of the first format and the plurality of messages of the second format. The display, which is connected to the processor, is configured to present the classification information associated with the messages of the first format and of the second format. Attention is directed to the memory, which is configured to receive at least one message-classification rule that is input into the memory by the user of the wireless communication device. Also, the processor determines the classification information based on that user-input message-classification rule(s).

In Janow, in contrast, the "criteria" for classifying messages and for alerting the user are in the individual messaging platforms (e.g., voice, email, video, Internet). Col. 2, 9-11 and 39-40. This is understood actually to teach away from any way in which the criteria are or could be input by the user of the pager. See col. 2, lines 39-40. The processor on-board the pager 21 processes incoming pages by a "preselected" algorithm (col. 3, line7-9), but there is no teaching that this algorithm is input by the user. Rather, it appears to be installed at time of manufacture of the pager, which is what one would expect of an algorithm that must interact with "criteria" already extant at the individual messaging platforms. Furthermore, the pager 21 has no apparent means for inputting a message-classification rule(s). The "input interface" 214 (FIGS. 3 and 4) consists of buttons having a limited function that is "correlated with the display," namely the LEDs 216-219. Col. 2, lines 59-60 and col. 3, lines 36-38. The buttons are associated with the respective messaging platforms (and hence with respective rules at those platforms), so pushing a button allows a message to be retrieved from the respective platform. Col. 3, lines 39-40. But, there is no suggestion whatsoever that the buttons can be used by the user to input a message-classification rule. Hence, this feature recited in claim 24 is not taught or suggested

by Janow. Janow also does not teach or suggest any combination of this feature with any one or more of the other features recited in claim 24. For example, since Janow fails to teach or suggest anything about user-input message-classification rules, this reference also fails to teach or suggest a wireless communication device comprising a processor that determines classification information for the messages based on the user-input message-classification rule(s), and fails to teach or suggest a wireless communication device comprising a display that presents the classification information determined based on the user-input message-classification rule(s). Therefore, claim 24 is not anticipated or obvious from Janow and is properly allowable over this reference.

Claims 27-36 and new claims 45-50 each depend from claim 24 and thus include all the features recited in claim 24. Hence, each of these dependent claims is properly allowable over Janow for all the reasons discussed above regarding claim 24 and also because each of these dependent claims sets forth a respective combination of features that is patentable in its own right over this reference.

Independent claim 37 as amended is directed to a network device for a wireless infrastructure. The network device comprises a receiver, a memory, and a processor. The receiver is configured to receive messages of at least two types for a wireless network user who is using the network device. The memory is configured to receive at least one message-classification rule set determined by the user and input into the memory by the user. The processor is connected to the receiver and the memory, and is configured to evaluate the received messages based on the at least one rule set input into the memory, and to produce associated message classifications based on the evaluations.

Again, as discussed above regarding claim 24, Janow fails to teach or suggest a network device, for a wireless infrastructure, that includes a memory configured to receive at least one message-classification rule set determined by the user and input into the memory by the user, as recited in claim 37. Therefore, and for other reasons discussed above regarding claim 24, claim 37 is properly allowable over this reference.

Dependent claims 38-41 and 43 each depend from claim 37 and thus include all the features recited in claim 37. Hence, each of these dependent claims is properly allowable over Janow for the reasons discussed above regarding claim 37 and also because each of these dependent claims sets forth a respective combination of features that is patentable in its own right over this reference.

Independent claim 44 is directed to a wireless network device. The device comprises an input, a memory, and an output. The input is configured to receive, from the user of the wireless network

device, message-classification rules associated with at least two message formats transmitted by a wireless network infrastructure that is in communication with the wireless network device. The memory is configured to store the rules received by the input (from the user). The output is configured to provide the received rules to the wireless network infrastructure.

Again, as discussed above regarding claim 24, Janow fails to teach or suggest a wireless network device that includes a memory configured to store message-classification rules received from the user, as recited in claim 44. Hence, Janow also fails to teach or suggest a wireless network device comprising an input configured to receive, from the user, message-classification rules. Therefore, claim 44 is properly allowable over this reference.

New claim 51 is directed to a wireless device that is in wireless communication with a wireless infrastructure. The wireless device comprises a receiver, an input device, a processor, and a display. The receiver is configured to receive messages of at least one format from the wireless infrastructure and to provide the messages to the user of the wireless device. The input device is configured to be used by the user of the wireless device for inputting, into a database memory, at least one message-classification rule. The processor, connected to the receiver and to the input device, is configured, with respect to a message received by the receiver: (a) to recall the at least one message-classification rule from the database memory and to determine, based on the at least one message-classification rule, classification information pertaining to the message, and (b) to organize the message according to the classification information. The display is connected to the processor and is configured to present the determined classification information to the user of the wireless device.

As discussed above regarding claim 24, Janow fails to teach or suggest a wireless network device that includes any means, used by the user of the device, for inputting message-classification rules. In other words, Janow fails to teach or suggest a memory that is configured to receive a message-classification rule from the user, as recited in claim 51. Hence, Janow also fails to teach or suggest a wireless network device comprising a processor that recalls the user-input rule(s) from the memory and that determines (based on the recalled user-input rule(s)) classification information pertaining to the message. Therefore, claim 51 is properly allowable over this reference.

Claims 52-55 each depend from claim 51 and thus include all the features recited in claim 51. Hence, each of these dependent claims is properly allowable over Janow for all the reasons discussed

above regarding claim 51 and also because each of these dependent claims sets forth a respective combination of features that is patentable in its own right over this reference.

Claims 32 and 41 stand rejected for alleged obviousness from a combination of Janow and Keyworth. Claim 32 depends from claim 24 and thus is allowable over Janow as discussed above. In the Office action, Keyworth was cited for its alleged disclosure of a fax format. For sake of discussion only, even if Keyworth provided such a disclosure, it would not fulfill the other deficiencies of Janow, as discussed above in connection with claim 24. Therefore, claim 32 is properly allowable. Similarly, claim 41 depends from claim 37 and thus is allowable over Janow as discussed above. In the Office action, Keyworth was cited for its alleged disclosure of producing an updated message count. For sake of discussion only, even if Keyworth provided such a disclosure, it would not fulfill the other deficiencies of Janow, as discussed above in connection with claim 37. Therefore, claim 41 is properly allowable.

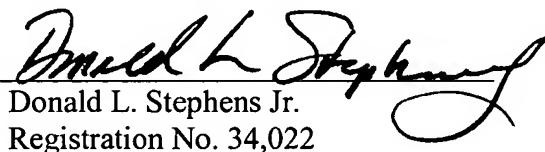
Claim 28 stands rejected for alleged non-statutory double-patenting. This rejection is believed to be moot in view of the current amendments to claim 24 from which claim 28 depends.

Claims 24, 27-41, and 43-55 are in condition for allowance, and early action to such end is respectfully requested.

Respectfully submitted,

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